# **BookletChart**<sup>TM</sup>

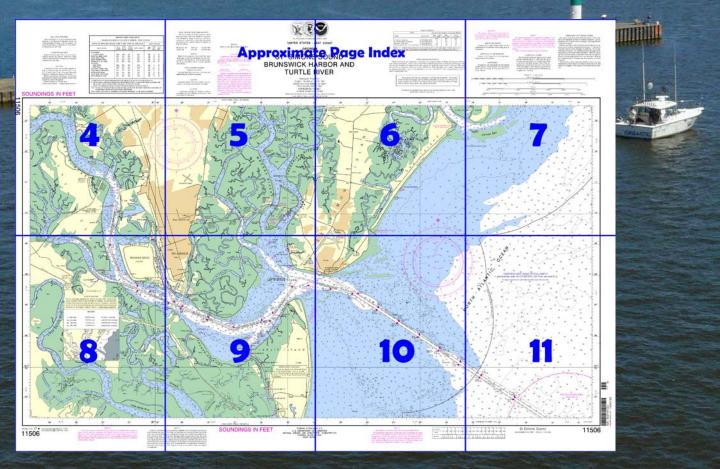
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# St. Simons Sound – Brunswick Harbor and Turtle River NOAA Chart 11506

A reduced-scale NOAA nautical chart for small boaters When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



# Published by the National Oceanic and Atmospheric Administration National Ocean Service Office of Coast Survey

<u>www.NauticalCharts.NOAA.gov</u> 888-990-NOAA

#### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

#### What is a BookletChart<sup>™</sup>?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <a href="http://www.NauticalCharts.NOAA.gov">http://www.NauticalCharts.NOAA.gov</a>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

#### **Notice to Mariners Correction Status**

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=115">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=115</a> <a href="https://ocentro.org/06">06</a>



#### (Selected Excerpts from Coast Pilot)

The northern portion of St. Simons Island is marshy and traversed by **Hampton River**. The dangerous shoals on both sides of the channel are unmarked; strangers should not attempt entrance from seaward without local knowledge. The depth was 3 feet from Buttermilk Sound to Village Creek.

**Village Creek**. After a crooked course of several miles, joins the **Blackbank River**, a narrow and twisting stream flowing

between the two islands and entering the sea south of Hampton River. The depth was 4 feet for 4.6 miles above the mouth, thence 1 foot through the cut to Blackbank River and the Sea Island Bridge. Village

Creek is dry above the cut at low water. The highway bridge crossing Blackbank River has a clearance of 7 feet; overhead cables 200 feet south of the bridge have a clearance of 16 feet.

St. Simons Sound forms a good harbor and is the approach to the city of Brunswick. The entrance is obstructed by dangerous shifting shoals, forming a bar that extends 5.5 miles offshore. A channel through the bar has a depth of 32 feet. A lighted buoy marks the entrance.

**Brunswick River**. The only bridge crossing the main channel is the Route 17 bridge at Brunswick which has a clearance of 24 feet down and 139 feet up. Route 303 bridge crossing Turtle River has a clearance of 35 feet. The twin fixed spans of Interstate 95 have a clearance of 35 feet. St. Simons Light (31°08'00"N., 81°23'36"W.), 104 feet above the water, is shown from a white conical tower attached to a brick dwelling on the north side of the entrance to the sound. **St. Simons Island Coast Guard Station** is 1.2 miles northeast of the light.

An unmarked wreck, covered 24 feet, is 1.4 miles east of the entrance to the bar channel. Fish havens, marked by unlighted buoys, are 3 miles northeast and 16 miles east-southeast of the bar channel. Shoal areas and spoil areas are in the approaches from the outer lighted whistle buoy to the midchannel lighted whistle buoy at the entrance to the bar channel. These should be avoided in heavy weather.

A rock ledge, 600 to 800 feet long and covered 20 feet, is parallel to the south side of Cedar Hammock Range in about 31°06'27"N., 81°25'53"W. In the area across the channel from Brunswick, anchorage is only for small craft.

Tidal currents follow the channel across the bar with a velocity of 2 knots. During northeasterly weather there is a strong southerly set across the bar channel and in southeasterly weather a strong northerly set

Gasoline, diesel fuel and water are available at Brunswick. Facilities are along the Intracoastal Waterway east of the city.

St. Simons Island and St. Simons are summer resort towns on St. Simons Dangers.—An unmarked wreck, reported covered 24 feet, is in 31°03'10"N., 81°13'45"W., about 1.4 miles eastward of the entrance to the bar channel. Fish havens, marked by private unlighted buoys, are 3 miles northeastward and 16 miles east-southeastward, respectively, of the entrance to the bar channel. Shoal areas and spoil areas are in the approaches from the outer lighted whistle buoy to the midchannel lighted whistle buoy at the entrance to the bar channel. These should be avoided in heavy weather.

A rock ledge, about 600 to 800 feet long and covered 20 feet, is parallel to the south side of Cedar Hammock Range in about 31°06'27"N., 81°25'53"W. In 2009, this obstruction was reported to be removed. **Currents.**—Tidal currents normally follow the general direction of the dredged channel across the bar with a velocity of 2 knots. During northeasterly weather there is a strong southerly set across the bar channel and in southeasterly weather a strong northerly set. Current predictions for a number of locations in the vicinity of St. Simons Sound may be obtained from the Tidal Current Tables.

**Quarantine, customs, immigration, and agricultural quarantine.**—(See chapter 3, Vessel Arrival Inspections, and Appendix A for addresses.)

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Miami Commander

7th CG District Miami, FL (305) 415-6800

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**NOAA's navigation managers** serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to *nauticalcharts.noaa.gov/inquiry*. To report a chart discrepancy, please use *ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx*.

# Lateral System As Seen Entering From Seaward on navigable waters except Western Rivers



## TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2015 CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) PROJECT DIMENSIONS

BRUNSWICK HARBOR CHANNEL DEPTHS

CONTROLEING DELITION SEAMAND IN FEET AT MEAN EONET CON WATER (MEEN)						THOSE OF DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE THRU TURTLE RIVER								
ST. SIMONS RANGE	33.5	H36.0	35.5	32.0	8-15	500	9.7	38
PLANTATION CREEK RANGE (A)	35.5	38.5	42.0	40.0	8-15	400	1.8	36
JEKYLL ISLAND RANGE (B)	39.5	39.0	38.5	38.0	8-15	400	1.9	36
CEDAR HAMMOCK RANGE (C)	35.0	35.5	35.0	32.0	8-15	400	1.4	36
BRUNSWICK POINT CUT RANGE	36.0	36.5	36.5	36.5	8-15	400	2.4	36
TURTLE RIVER LOWER RANGE	37.5	37.0	37.5	36.0	8-15	400	1.8	36
BLYTHE ISLAND RANGE	29.5	29.0	27.5	26.5	8-15	300	1.5	30
TURTLE RIVER UPPER RANGE	27.5	29.0	28.5	27.5	8-15	300	2.7	30
EAST RIVER (D)	1			ļ	i l	i		
ENTRANCE TO SECOND AVE (E)	36.0	35.0	35.0	34.5	8-15	400	1.2	37-41
SECOND AVE TO MAYOR'S POINT	135.0	35.0	35.0	34.0	8-15	400	1.0	36
SOUTH BRUNSWICK RIVER (F & G)	34.0	37.5	37.0	34.5	8-15	400	1.3	36

THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 46.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 52.0 FEET, LOCATED 400 FEET INSIDE THE CHANNEL LIMIT FROM

THE LEFT SIDE. THE WIDENER AT INTERSECTION OF JEKYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 37.0 FEET.

. THE WIDENER AT INTERSECTION OF JERYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 37.0 FEET, LOCATED 5 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

THE WIDENER AT INTERSECTION OF CEDAR HAMMOCK RANGE AND BRUNSWICK POINT CUT RANGE LEAST DEPTH WAS 35.0 FEET, LOCATED 69 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 37.0 FEET 100 FEET FROM BACKSIDE, 35.0 FEET 400 FEET FROM BACKSIDE AND 34.0 FEET 600 FEET FROM BACKSIDE AND 34.0 FEET 600 FEET FROM BACKSIDE.

THE CAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 25.5 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 34.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.5 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.5 FEET FROM THE RIGHT SIDE.

THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 39.5 FEET FROM THE LEFT SIDE AND 38.0 FEET FROM THE SIDE AND 38.0 FE

FROM THE RIGHT SIDE.

G. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 30.0 FEET ALONG THE DOCK AND 34.0 FEET ON THE RIGHT

I. EXCEPT FOR A 35 FEET OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31"04"15.5"N, 081"16'57.4"W

I. EXCEPT FOR A DANGEROUS WRECK LOCATED IN APPROXIMATE POSITION 31"08'49.8"N, 81"29'59.3"W.

NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)

NOAA WEATHER RA The NOAA Weather below provide continuou The reception range nautical miles from the ar as much as 100 nautica high elevations.

Brunswick, GA WWI Jesup, GA WXJ

Mariners are cautioned water spoil disposal op ducted in the area south Dumping only takes pla than 50 feet.

> PLANE COOR (based on

Georgia State Grid, eas dashed ticks at 10,000 foo

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Improved channels sho subject to shoaling, partic

CAUT

# POLITION REPORTS

Report all spills of oil and hazardous sub-stances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

#### BADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been

#### CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the

U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

⊙(Accurate location) o(Approximate location)

# Temporary changes navigation are not indica Local Notice to Mariners. SOUNDINGS IN FEET NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION 33' 32' 31' 81°30' 29' 16 17 21 13' 10 10/4 15 h 131 16 26 14 25 Maggie Hummocks 19 Little Crispen I 12' RADIO TOWER (EASTERLY OF THREE) (WGIG) 1440 kHz Ö 10' TANK 🔾 Iso R 6s STACK (TALLER OF TWO) ഗ 15. Joins page 8

CALE 1:40,000 Nautical Miles See Note on page 5. Printed at reduced scale. Note: Chart grid 1/2 0 lines are aligned Yards 1000 with true north. 1000 2000 3000 4000 5000

#### ADIO BROADCASTS

Radio stations listed ous weather broadcasts. is typically 20 to 40 antenna site, but can be cal miles for stations at

VH-39 162,425 MHz 162.450 MHz

ed that intermittent open perations may be con-ith of St. Simons Light. lace in depths greater

RDINATE GRID NAD 1927)

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TION

nown by broken lines are icularly at the edges.

es or defects in aids to ated on this chart. See

#### SEDIMENT TRAPS

Sediment traps are designed to delay shoaling of the navigable portion of a channel by trapping advancing littoral material. Sediment traps may shoal at a rapid rate spilling over into the adjacent navigation channel, therefore, mariners should exercise caution when operating near them.

#### HEIGHTS

Heights in feet above Mean High Water

#### CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and sub-marine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when

anchoring, dragging, or trawling. Covered wells may be marked by lighted or



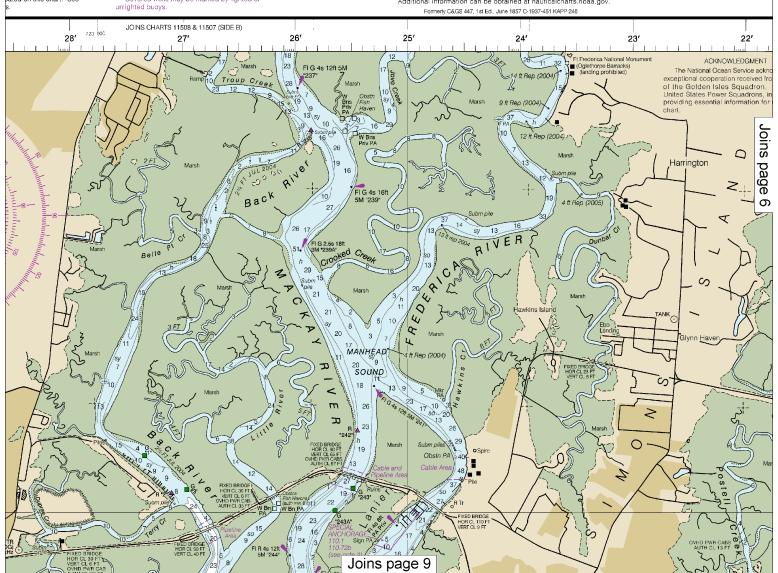
UNITED STATES - EAST COAST

**GEORGIA** 

# ST SIMONS SOUND BRUNSWICK HARBOR AND **TURTLE RIVER**

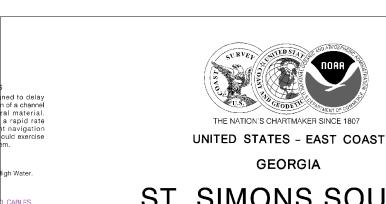
Mercator Projection Scale 1:40,000 at Lat 31° 08 North American Datum of 1983 (World Geodetic System 1984) SOUNDINGS IN FEET AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts nosa gov.



This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.





PLACE NAME St. Simons Sound Bar (31 St. Simons Island Lighthouse (31 Brunswick, East River (31 Highway Bridge, South Brunswick River (31 Dashes (- - -) located in datum columns indicate tide predictions, and tidal current predictions are

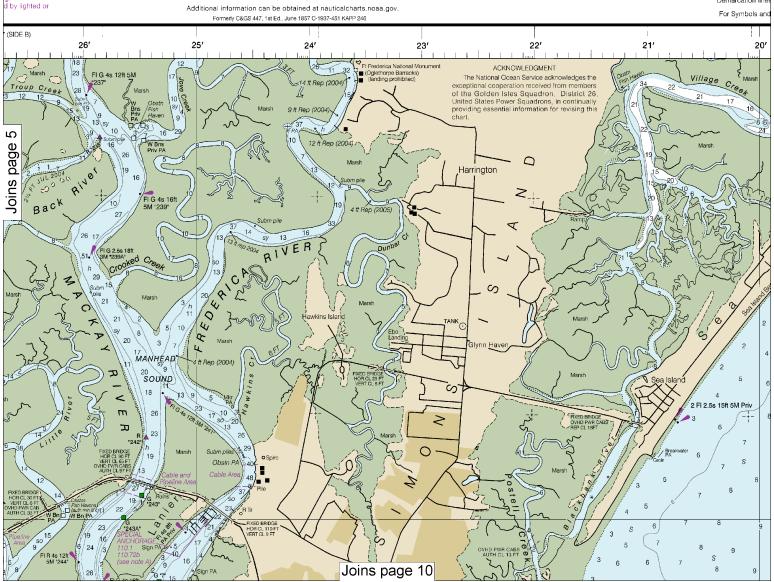
ST SIMONS SOUND **BRUNSWICK HARBOR AND TURTLE RIVER** 

> Mercator Projection Scale 1:40,000 at Lat 31° 08' North American Datum of 1983 (World Geodetic System 1984) SOUNDINGS IN FEET AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov

NOAA encourages users to about this chart at http://www.na

COLREGS: International Regu Demarcation lines





and submarine nd cable areas

able Area

pipelines and in the area of nes and sub-e buried, and

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CALE 1:40,000 Nautical Miles Printed at reduced scale. See Note on page 5. Note: Chart grid 1/2 0 lines are aligned Yards 1000 with true north. 1000 2000 3000 4000 5000

#### TIDAL INFORMATION

	Height referred to datum of soundings (MLLW)							
(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water					
1°06'N/081°19'W) 1°08'N/081°24'W) 1°09'N/081°30'W) 1°09'N/081°34'W)	7.2 7.8	feet 6.7 6.8 7.5 7.8	feet 0.2 0.2 0.2 0.2					

unavailable datum values for a tide station. Real-time water levels, available on the internet from http://tidesandcurrents.noaa.gov.

#### WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List

#### AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

#### SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

#### AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers and U.S. Coast Guard

#### NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Savannah Georgia.
Refer to charted regulation section numbers.

#### HORIZONTAL DATUM

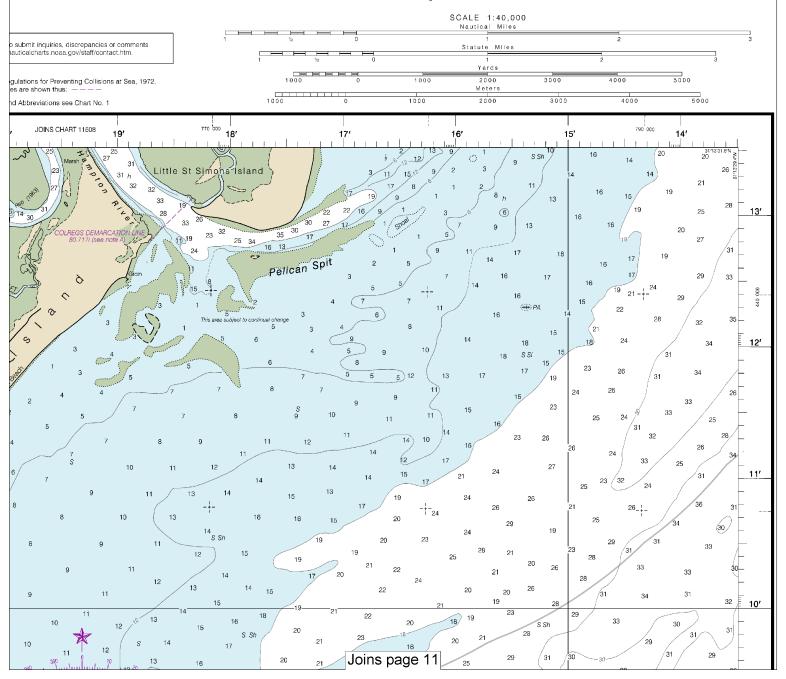
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.830" northward and 0.639" eastward to agree with this chart.

#### HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

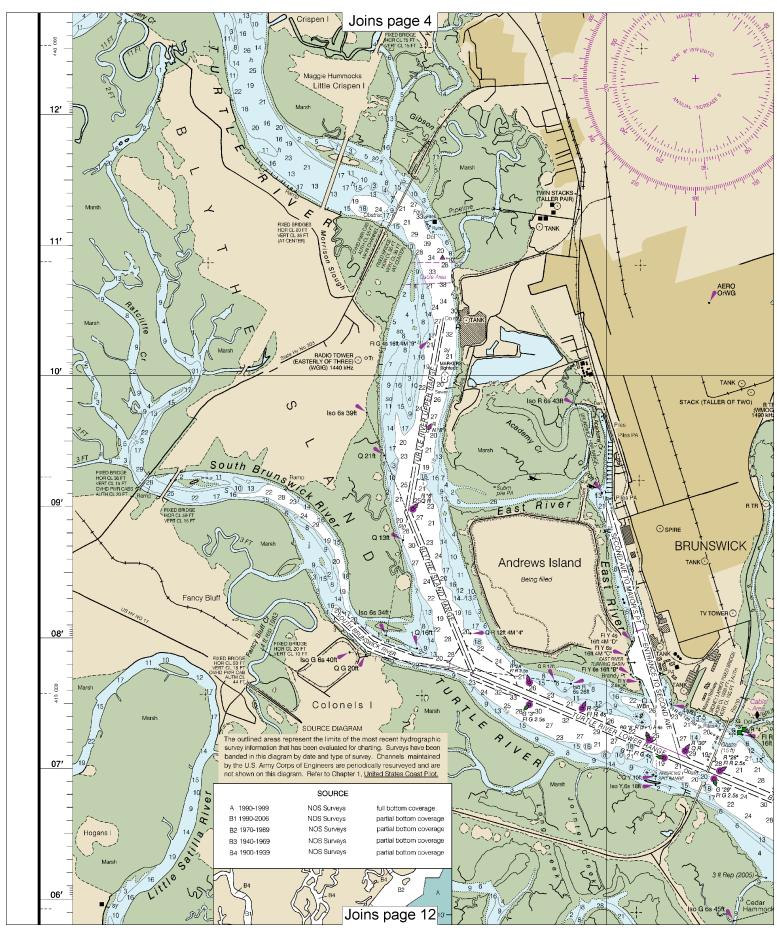
Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, settinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard



Last Correction: 10/6/2015. Cleared through: LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)

to modification.





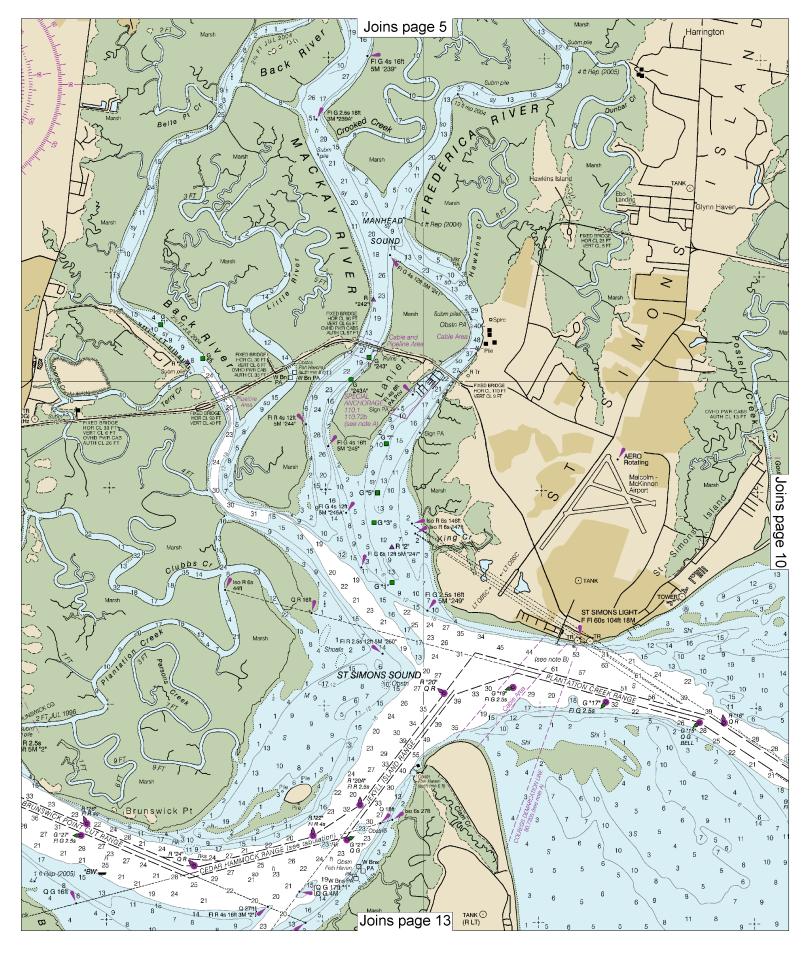
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

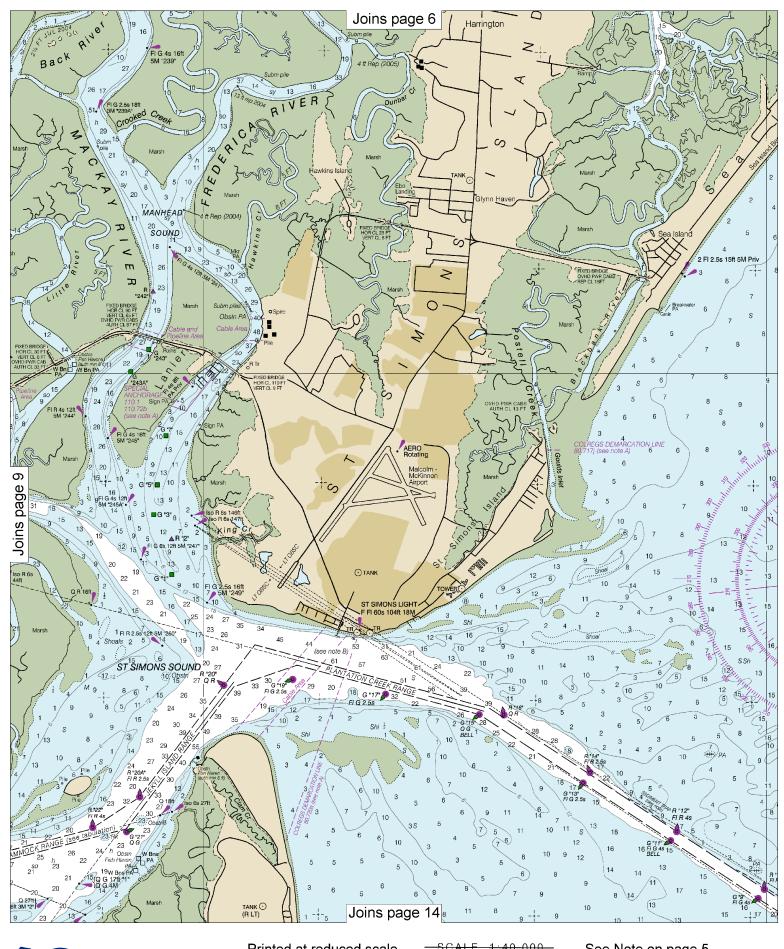
SCALE 1:40,000
Nautical Miles

Yards

1000 0 1000 2000 3000 4000 5000







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Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

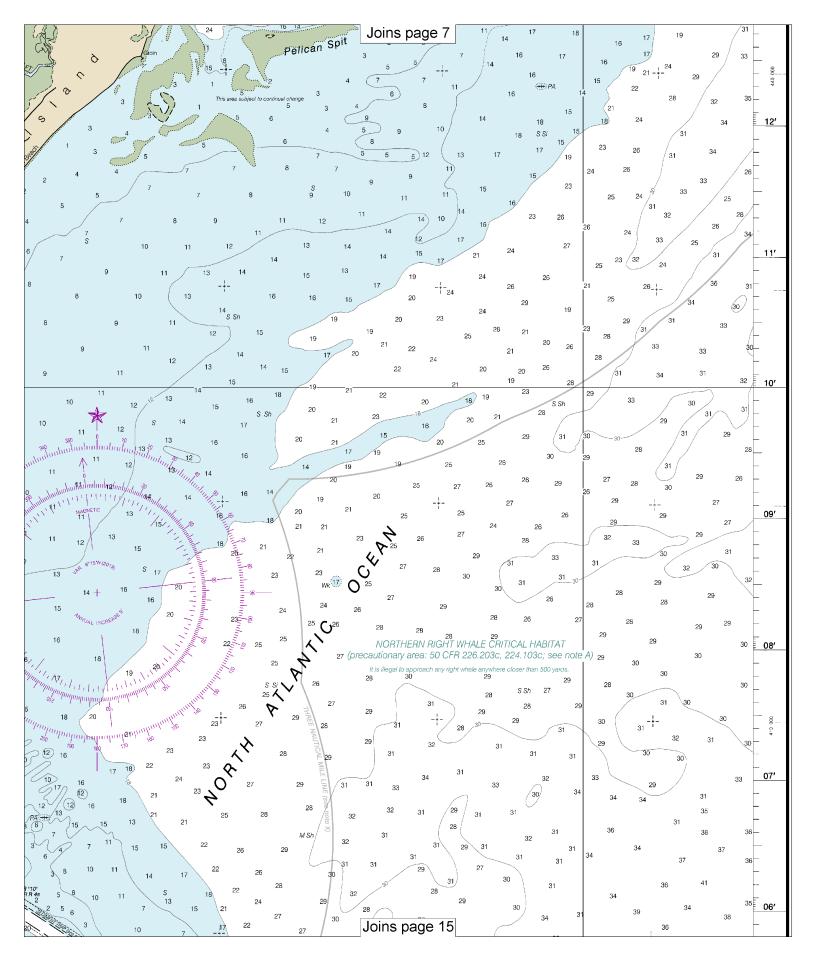
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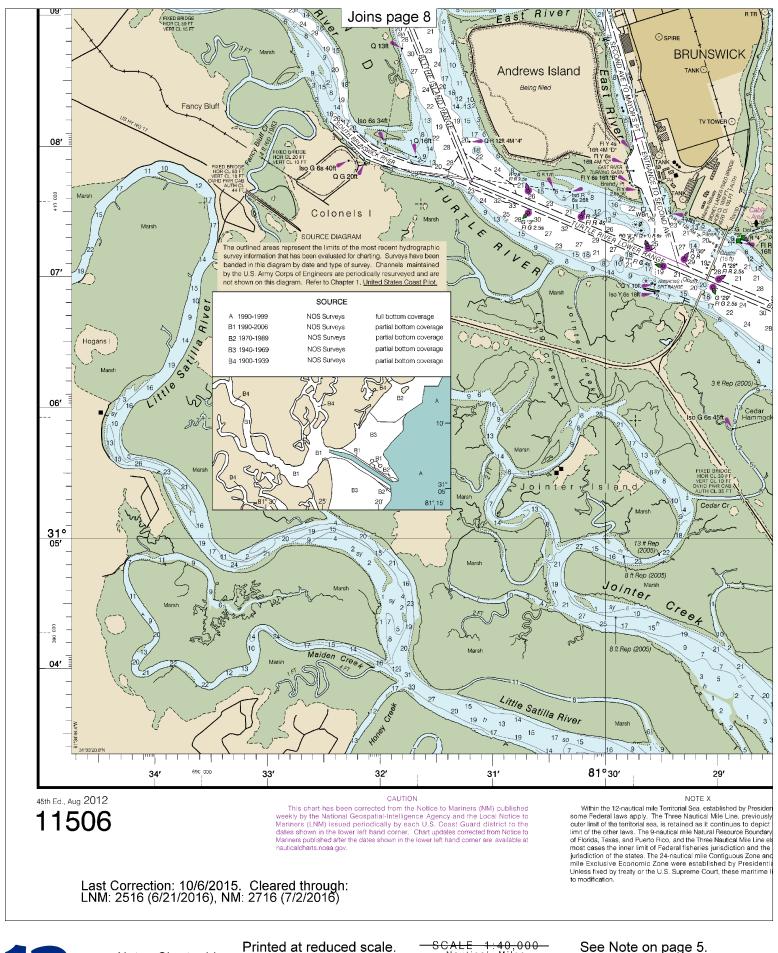
Yards

See Note on page 5.

Yards

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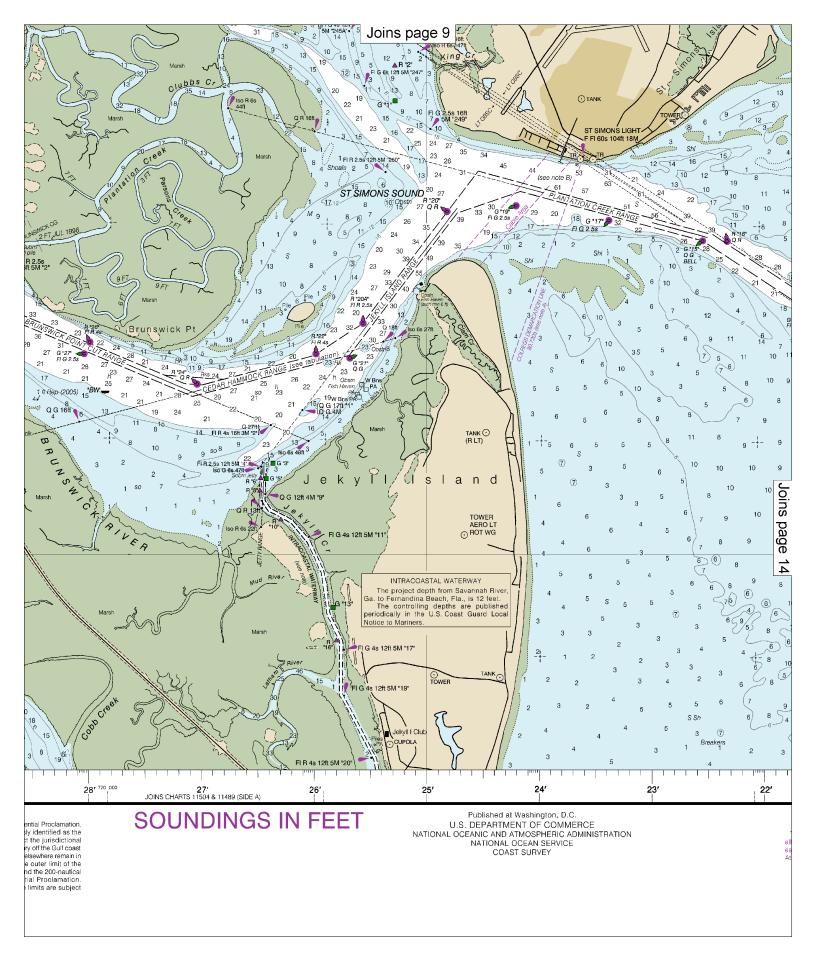
Note: Chart grid lines are aligned with true north.

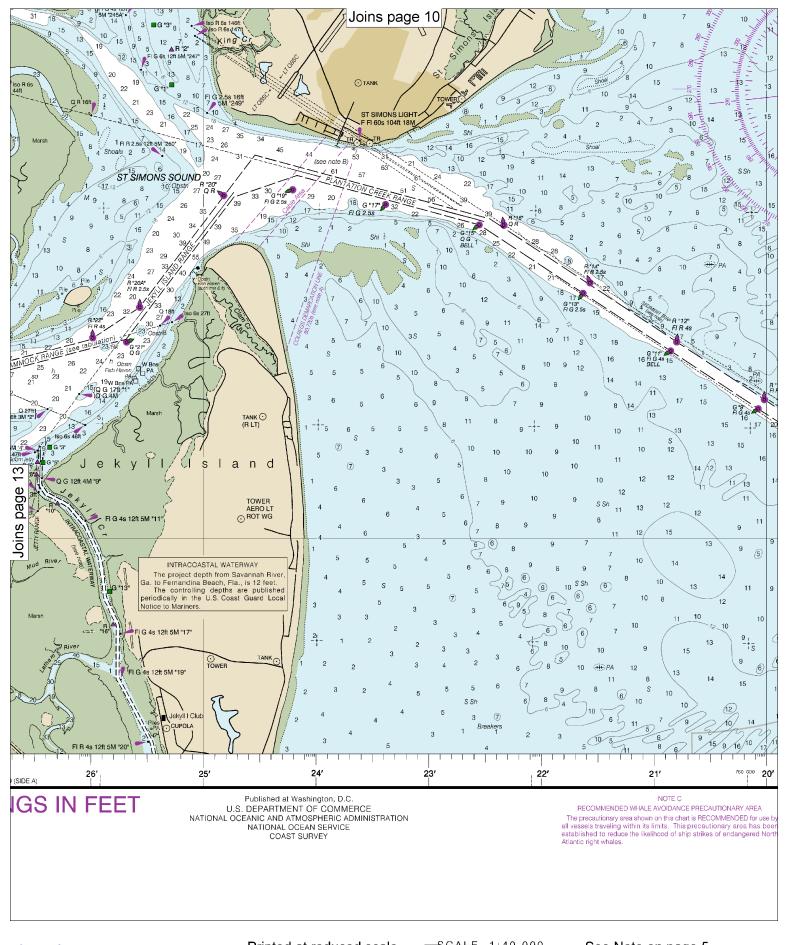
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SCALE 1:40,000
Nautical Miles

Yards

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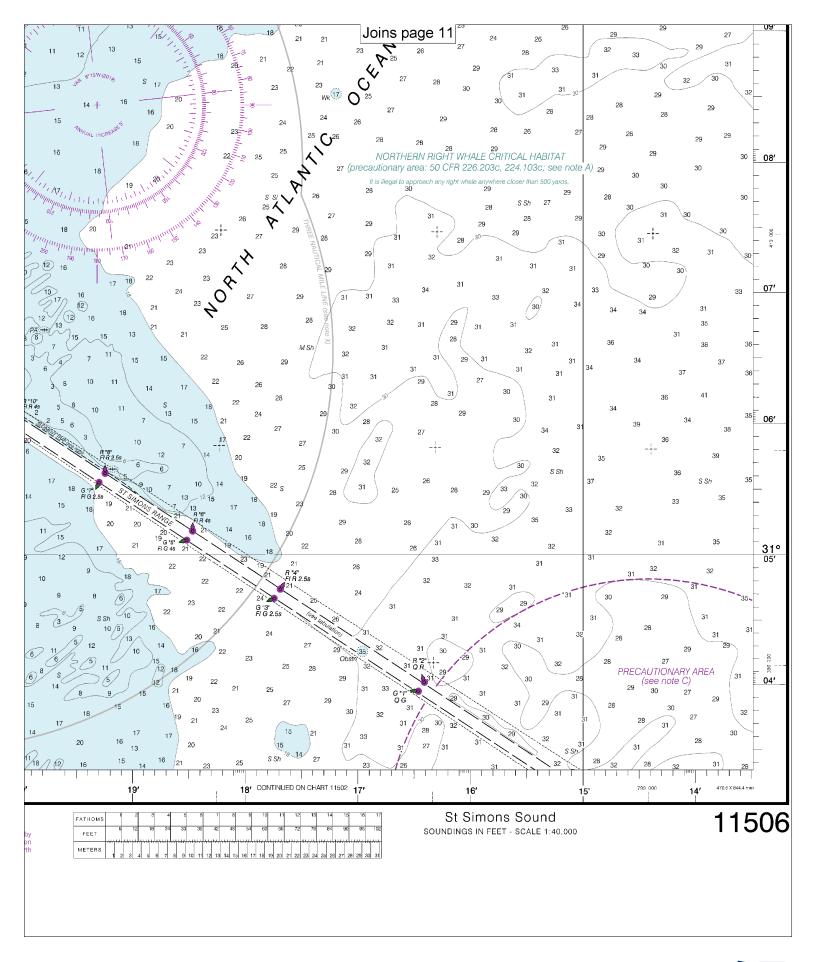
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

Yards

1000 0 1000 2000 3000 4000 5000





### VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here. Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

#### **Distress Call Procedures**

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of

Emergency; Number of People on Board.

- · Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

http://www.nws.noaa.gov/nwr/

## **Quick References**

Nautical chart related products and information — http://www.nauticalcharts.noaa.gov

Interactive chart catalog — http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml

Report a chart discrepancy — http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx

Chart and chart related inquiries and comments — http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs

Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM\_NM.html

Coast Pilot online — http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm

Tides and Currents — http://tidesandcurrents.noaa.gov

Marine Forecasts — http://www.nws.noaa.gov/om/marine/home.htm

National Data Buoy Center — http://www.ndbc.noaa.gov/

NowCoast web portal for coastal conditions — http://www.nowcoast.noaa.gov/

National Weather Service — http://www.weather.gov/

National Hurrican Center — http://www.nhc.noaa.gov/

Pacific Tsunami Warning Center — http://ptwc.weather.gov/

Contact Us — http://www.nauticalcharts.noaa.gov/staff/contact.htm



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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.